

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

Vered HORNIK et al.

Application No.: To Be Assigned

Group Art Unit:

Filed: Herewith

Examiner:

For: CONFORMATIONALLY CONSTRAINED
BACKBONE CYCLIZED INTERLEUKIN-6
ANTAGONISTS

Attorney Docket No.
2254-031

INFORMATION DISCLOSURE STATEMENT

BOX PATENT APPLICATION

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to applicants' duty of disclosure under 37 C.F.R. 1.56, enclosed is Form PTO-1449 which lists 54 references which were cited in the parent Application No. 09/434,025, filed November 4, 1999. Copies of the references listed on Form PTO-1449 are not enclosed as they should be available in the file of 09/434,025. Should the Examiner not be able to locate copies of the references, applicant will supply them upon request. It is respectfully requested that the references be made of record in this application by the Examiner's completion and return of Form PTO-1449.

No fee is believed to be due for the submission of the references. Should any fees be required, however, please charge such fees to Pennie & Edmonds LLP Deposit Account No. 16-1150.

Respectfully submitted,

8/24/00
Date

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LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

2254-031

SERIAL NO.

APPLICANT

Vered HORNIK et al.

FILING DATE

August 24, 2000

GROUP

10841 U.S. PTO
09/04/00
09/24/00

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,988,304	10/1976	Garsky	260	78A	
	AB	4,011,182	03/1977	Sarantakis	260	8	
	AC	4,054,558	10/1977	Garsky	260	112.5S	
	AD	4,187,217	02/1980	Chipens et al.	260	112.5R	
	AE	4,235,886	11/1980	Freidinger et al.	424	177	
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	AG	5,364,851	11/1994	Joran	530	345	
	AH	5,371,070	12/1994	Koerber et al.	514	9	
	AI	5,770,687	06/1998	Hornik et al.	530	311	
	AJ	5,874,529	02/1999	Gilon et a.	530	317	
	AK	5,883,293	06/1999	Gilon et al.	562	455	
	AL	6,051,554	04/2000	Hornik et al.	514	11	

FOREIGN PATENT DOCUMENTS

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							YES	NO
	AM	031 303	07/1981	European Patent Office				X
	AN	334 244	09/1989	European Patent Office				
	AO	336 779	10/1989	European Patent Office				
	AP	370 453	05/1990	European Patent Office				X
	AQ	395 417	10/1990	European Patent Office				
	AR	564 739	10/1993	European Patent Office				
	AS	2 304 352	10/1976	France				X
	AT	2 411 828	07/1979	France				X
	AU	41 19 544	10/1992	Germany				X
	AV	WO 89/01781	03/1989	WIPO				
	AW	WO 92/00091	01/1992	WIPO				
	AX	WO 92/22566	12/1992	WIPO				X
	AY	WO 93/01206	01/1993	WIPO				
	AZ	WO 94/11393	05/1994	WIPO				
	BA	WO 95/01800	01/1995	WIPO				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	BB	Bell et al., 1993, "Molecular biology of somatostatin receptors", <i>TINS</i> 16:34-38.
	BC	Brazeau et al, 1973, "Hypothalamic Polypeptide That Inhibits the Secretion of Immunoreactive Pituitary Growth Hormone", <i>Science</i> 179:77-79.
	BD	Buscail et al., 1995, "Inhibition of cell proliferation by the somatostatin analogue RC-160 is mediated by somatostatin receptor subtypes SSTR2 and SSTR5 through different mechanisms", <i>Proc. Natl. Acad. Sci. USA</i> 92:1580-1584.

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BE	Byk et al., 1992, "Building Units for N-Backbone Cyclic Peptides. 1. Synthesis of Protected N-(ω -Aminoalkylene)amino Acids and Their Incorporation into Dipeptide Units", <i>J. Org. Chem.</i> 57 :5687-5692.
BF	Charpentier et al., 1989, "Synthesis and Binding Affinities of Cyclic and Related Linear Analogues of CCK ₈ Selective for Central Receptors", <i>J. Med. Chem.</i> 32 :1184-1190.
BG	Giannis et al., 1993, "Peptidomimetics for Receptor Ligands -- Discovery, Development, and Medical Perspectives", <i>Angew. Chem. Int. Ed. Engl.</i> 32 :1244-1267.
BH	Gilon et al., 1992, "SAR studies of cycloheptide: Effects of cyclization and charge at position 6", <i>Chem. Biol. Proc Am Pept Symp</i> 12th. pp. 476-477.
BI	Gilon et al., 1991, "Backbone Cyclization: A New Method for Conferring Conformational Constraint on Peptides", <i>Biopolymers</i> 31 :745-750.
BJ	Greiner et al., "Synthesis of New Backbone-Cyclized Bradykinin Analogues", <i>Pept.</i> 1994, <i>Proc.Eur.Pept.Symp.</i> 23rd Meeting Date 1994, 289-290
BK	Hruby et al., 1990, "Emerging approaches in the molecular design of receptor-selective peptide ligands: conformational, topographical and dynamic considerations", <i>Biochem. J.</i> 268 :249-262.
BL	Krstenansky et al., "Cyclic hexapeptide antagonists of the bradykinin B ₂ receptor: Receptor binding and solution backbone conformation", <i>Letters in Peptide Science</i> , Vol. 1 (1994) pp. 229-234
BM	Lamberts et al., 1990, "Somatostatin-Receptor Imaging in the Localization of Endocrine Tumors", <i>The New England J. Med.</i> 323 :1246-1249.
BN	S.W.J. Lamberts, 1988, "The Role of Somatostatin in the Regulation of Anterior Pituitary Hormone Secretion and the Use of Its Analogs in the Treatment of Human Pituitary Tumors", <i>Endocrine Reviews</i> 9 :417-436.
BO	Lymangrover et al, 1983, "Varying the Duration of A23187 Administration Alters its Effect on Adrenal Steroidogenesis", <i>Life Sciences</i> 34 :371-377.
BP	Mosberg et al., 1984, "Bis-penicillamine enkephalins possess highly improved specificity toward δ opioid receptors", <i>Proc. Natl. Acad. Sci. USA</i> 80 :5871-5874.
BQ	Plotsky et al., 1985, "Patterns of Growth Hormone-Releasing Factor and Somatostatin Secretion into the Hypophyseal-Portal Circulation of the Rat", <i>Science</i> 230 :461-463.
BR	Raynor et al., 1993, "Cloned Somatostatin Receptors: Identification of Subtype-Selective Peptides and Demonstration of High Affinity Binding of Linear Peptides", <i>Mol. Pharmacol.</i> 43 :838-844.
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BT	Reubi et al., 1995, "Multiple actions of somatostatin in neoplastic disease", <i>TIPS</i> 16 :110-115.
BU	Rizo et al., 1992, "Constrained Peptides: Models of Bioactive Peptides and Protein Substructures", <i>Annu. Rev. Biochem.</i> 61 :387-418.
BV	Rodriguez et al., 1990, "Synthesis of cyclic analogues of cholecystokinin highly selective for central receptors", <i>Int. J. Peptide Protein Res.</i> 35 :441-451.
BW	Peptide Hormones, (ed. J.A. Parsons), University Park Press, Baltimore, Rudinger, 1976, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence" pp. 1-7.
BX	Database Caplus, DN: 130:14228. Schumann et al., <i>Pept.</i> 1996, <i>Proc. Eur. Pept. Symp.</i> , 24th (1998), Meeting Date 1996, 797-798. Editor(s): Ramage, Robert; Epton, Roger. Publisher: Mayflower Scientific, Kingswinford, UK.
BY	Steranka et al., 1988, "Bradykinin as a pain mediator: Receptors are localized to sensory neurons, and antagonists have analgesic actions", <i>Proc. Natl. Acad. Sci. USA</i> 85 :3245-3249.
BZ	Veber et al., 1984, "A Super Active Cyclic Hexapeptide Analog of Somatostatin", <i>Life Sciences</i> 34 :1371-1378.
CA	Veber et al., 1985, "The design of metabolically-stable peptide analogs", <i>TINS</i> pp. 392-396.
CB	R.N. Zuckerman, 1993, "The chemical synthesis of peptidomimetic libraries", <i>Current Opinion in Structural Biol.</i> 3 :580-584.

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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